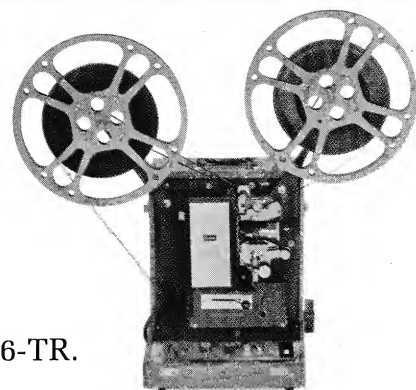




THE KODAK PAGEANT SOUND PROJECTOR, MODEL AV-126-TR/PERFORMANCE ANALYSIS



If you want to
communicate your
ideas with all the
clarity, directness and
memorability that movies
make possible, use
a projector that always
works, that never distracts.



Such a projector is the **Kodak Pageant** Sound Projector, Model AV-126-TR.

simplicity

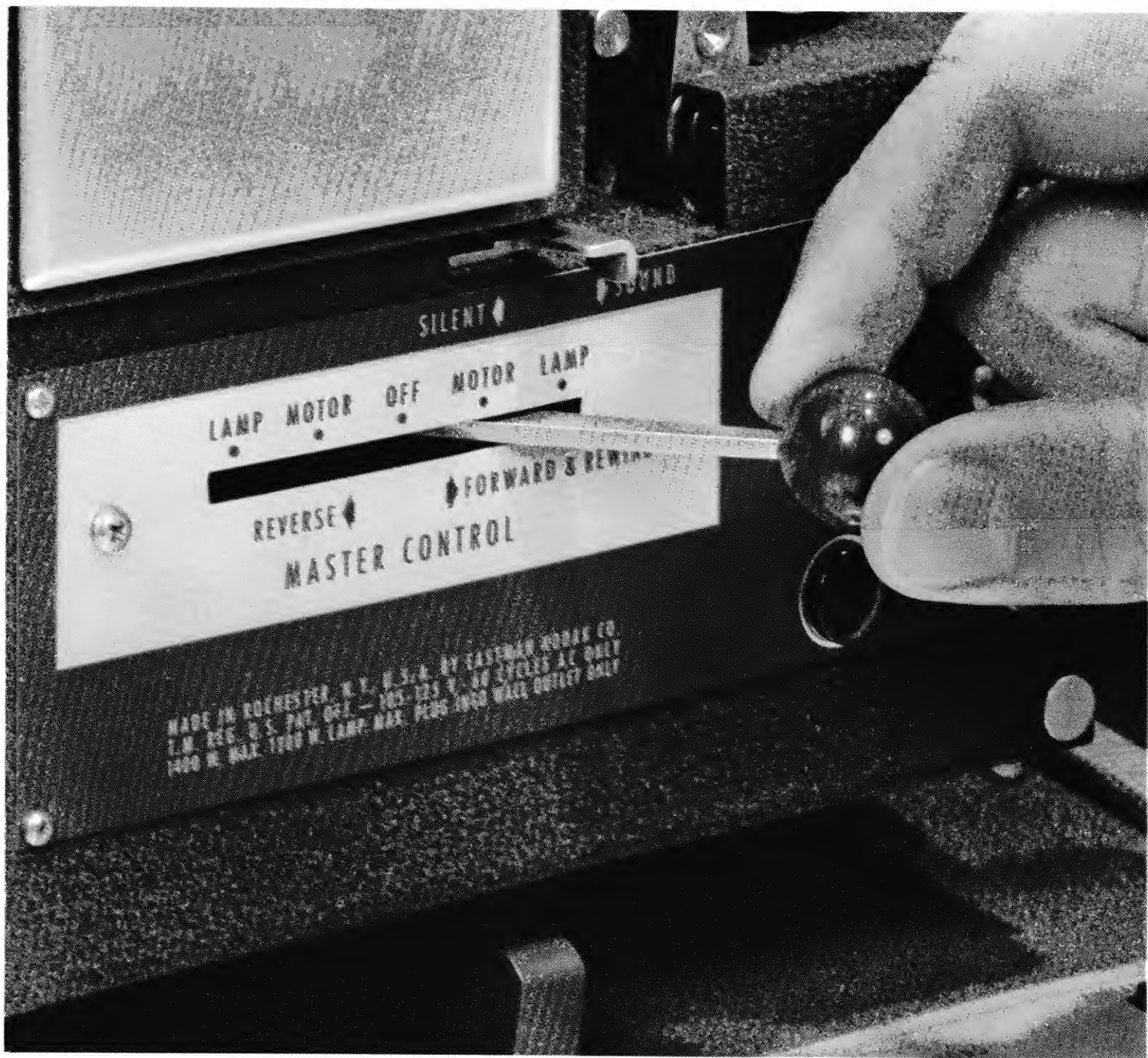
It's easy to see the extra care Kodak has taken to consider the needs of the people who actually use projectors. Take setup, for example . . .

The PAGEANT Projector is put together so that you have no parts to attach, or find or lose or wonder about. Everything's there, in one self-contained package—even the power cord. And because it's about twice as long as most other cords, you won't get caught short without an extension. Setup with a PAGEANT Projector is merely a matter of unfolding the reel arms and plugging in the cord.

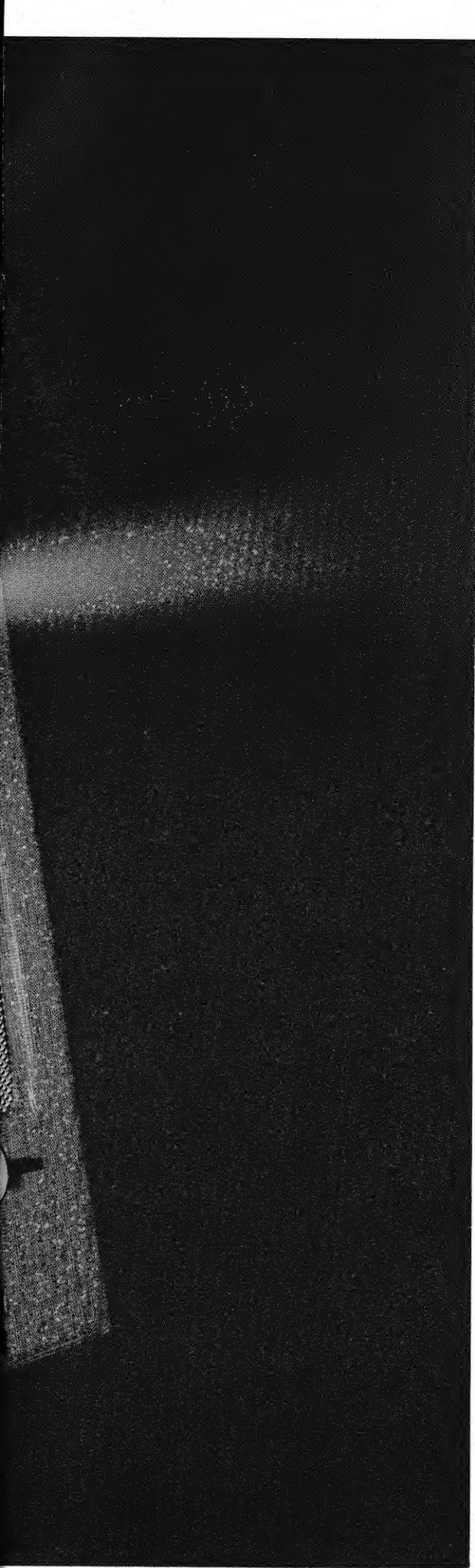
Politely, this projector shows you how the film goes. Just follow the red line when you thread it, and you'll never have to ad lib your way into a movie again.

You won't ever be able to forget how easily this projector starts and stops. One button for sound. Push it. Instantly you're ready for full-bodied sound. There's one big master control lever. Throw it all the way forward. . . . the show is on! Lights. Action. Sound. Want to analyze a special section of your film? Just shift the lever back and forth. You won't damage your film or your projector.

There are no warnings, no special do's and don'ts, no special operating advice, no projectionist secrets to share. Nothing for you to remember except its carefree performance. And that, you'll find, is hard to forget.







distinguished performance

The sound system in the KODAK PAGEANT Sound Projector is completely transistorized. There are no tubes to burn out. None to interrupt your showings. None to take time warming up while your audience waits. None to hiss and crackle as they age. The PAGEANT Projector has the same kind of relied-upon circuitry used in space satellites. And the sound you hear is the purest that can be recorded on 16mm film. At low volumes, at peak volumes, this projector speaks clearly and with authority the instant you push a button.

Need a public address system? Well, this projector's sound system functions as one for "live" voice announcements, narration, or recorded material. Do you show movies in king-sized auditoriums? You can if you have Kodak's auxiliary twin speakers.

The picture your audience sees is rock-steady. It's brilliant, yet has no eye-fatiguing "hot spots." Image brightness is uniform from corner to corner and from corner to center. And thanks to an efficient shutter design, the picture is fully visible in hard-to-darken rooms.

Everything considered, this is the projector that *really* does its job . . . flawlessly, while staying quietly in the background.

value

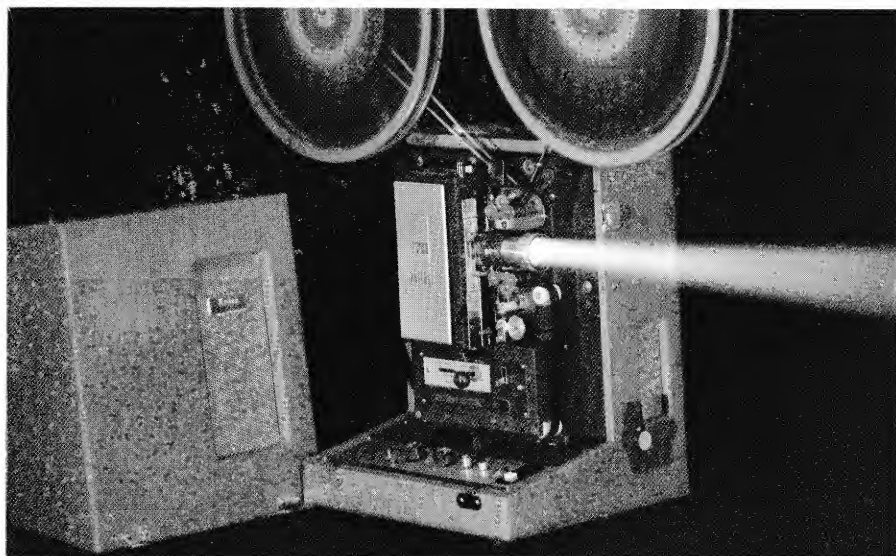
Like the sea, there's a certain agelessness about the components in the PAGEANT Projector's sound system. Ageless transistors. Ageless solar cell. Even the sound exciter lamp should last the life of the projector. This is the sound system you should never have to fix. And because mechanical parts which are subject to wear cost so little to replace, maintenance costs are negligible.

Many of the schools who use PAGEANT Projectors in their daily film programs have told us that the savings on maintenance alone have enabled them to expand their audiovisual program material or purchase additional pieces of equipment without increasing their original AV budget.

Another important point: This projector actually *protects* your film. Its gears, sprockets and idler wheels never jerk the film, even on start-up. No stationary part ever touches the area of the film that contains the picture or sound track, so your films will last longer.

You see, value—*total* value—was one of Kodak's primary goals in designing the PAGEANT Projector. The others, of course, were to provide operational simplicity and fail-safe performance.





specifications

projector

Single-case Outfit—Projector and speaker are combined in a single unit.

Dimensions—15⁷/₈ x 12³/₄ x 11¹/₂ inches.

Weight—28¹/₂ pounds for the projector; 35¹/₂ pounds for the complete unit.

Case Finish—Serviceable, scuff-resistant, crinkle-surface vinyl fabric.

Power Requirements—105-125 volts; 60 cycles.

Film Capacity—2,000 feet, 16mm.

Operating Controls—Single, 5-position switch operates motor and lamp circuits for forward and reverse projection. Push-button on sound control panel turns on sound. Volume and Tone Controls compensate for a wide range of acoustic conditions.

Threading—Simple, straightforward, from supply reel through mechanical and sound system to take-up reel. Loop-former speeds threading, lets you restore "lost" loops without stopping projector.

Reel Arms—Permanently attached and hinged to facilitate setups.

Film Protection—Sprocket clamps have Tenite rollers. No stationary parts contact picture or sound-track areas.

Film Movement—Nonskip-type, ball bearing, pivoted, tandem-tooth movement. Special tungsten carbide pulldown tooth assures long life.

Film Take-up—Self-compensating, pivoted spindle arm... adjusts automatically for all size reels and loads.

Framing—Effected by moving pulldown point. Recentering of image not required.

Rewind—Motor driven. Smooth, safe. No transferring belts or reels. Rewind lever gives 100% protection against threading in the rewind position.

Gate—Easy-out, with finger-tip pull. "Floating pressure" design provides optimum handling of films.

Sound and Silent Speeds—Constant speed motor for sound (24 fps) and silent (16 fps) projection.

Elevation Control—Easy, one-hand, self-locking control. Readily accessible on front of projector.

Lamp—750-watt (code DDB). 1000- or 1200-watt lamp optional.

Illumination—Efficient, straight-line optical system provides brilliant illumination. Condensers and projection lens are Lumenized.

SUPER-40 Shutter—Automatic-shifting three- and two-blade

shutter provides optimum projection at sound and silent speeds. 40% extra illumination at sound speed.

Standard Lens—KODAK Projection EKTANAR LUMENIZED Lens, 2-inch, f/1.6, with field flattener.

Auxiliary Lenses—1¹/₂-inch, f/2.0; 3-inch, f/2.0; 4-inch, f/2.5; and CINE-KODAK Bifocal Converter.

Cooling System—Dynamically balanced centrifugal fan provides full ventilation for both forward and reverse projection with the standard 750-watt and higher wattage lamps.

Lubrication—Mechanism is "lubricated for life" by oil-impregnated bearings, sealed ball bearings and oil-retaining pads.

Quiet Operation—Nylon gears and a minimum of moving parts assure quiet, trouble-free operation. Permanent lubrication keeps operation quiet.

Cord—12-foot, 3-wire, grounded power cord permanently attached to projector with a 2-prong adapter for use in conventional sockets.

sound system

Speaker—Heavy-duty, well-baffled, 6 ohms, 11x6-inch oval speaker. Permanently attached 40-foot cord with phone-type plug. Will handle full output of amplifier.

Amplifier—Rugged, 8-transistor, high-fidelity amplifier with printed circuits.

Audio Output—12 watts IHFM Music Power Rating.

Frequency Response—30-20,000 cycles.

Sound Drum—Rotating-type drum and massive flywheel mounted on precision ball bearings.

Sound Optics—Sealed-in cylindrical lens system produces precise scanning beam on sound track.

Fidelity Control—Provides sharpest possible line of light on sound track, regardless of emulsion position. Assures reproduction of full tonal range.

Exciter Lamp—Designed to last the life of the projector. Under normal operation, no replacement will be necessary.

Microphone and Phono Receptacles—Microphone and phonograph can be attached to use projector as a high-fidelity public address system.

KODAK Microphone, Model PA-4—Optional. Crystal microphone with 7¹/₂-foot shielded cable with connector.

KODAK Duo-Twin Speaker Unit, Model A—Optional. Consists of a two-section case with two 11x6-inch oval speakers in each section. 40-foot cord.

Please do us a favor

If we have demonstrated to your satisfaction that this projector meets your requirements, won't you circulate this brochure to other interested persons in your organization?

EASTMAN KODAK COMPANY, ROCHESTER, NEW YORK